S73	484970	S63 S64 S65 S66	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 10:26
S74	66	S73 and (wick$3) and (coil same actuator)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 10:26
S75	5	S73 and (wick$3) and (coil same actuator) and (mold$3 overmold$3) and (adhesive glue)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 10:29
S76	316	S73 and (wick$3) near7 (adhesive glue)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 10:29
S77	26	S73 and (wick$3) near7 (adhesive glue) and (coil and actuator)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 10:52
S78	1	"20010042941"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 10:52
S79	0	"10791150"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 07:16
S80	0	"10/791150"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 07:17
S81	659	maxtor.as.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 07:17
S82	64	maxtor.as. and (mold$3 overmold$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 07:18
S83	15	maxtor.as. and (mold$3 overmold$3) and (adhesive)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 07:20
S84	3	"6704168".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/14 07:27
S85	4	("7251108" "7042681").pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/14 09:25
S86	10158	(264/271.1-279.1).ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/14 09:27

EAST Search History

S87	1525	S86 and (disk drive)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/14 09:28
S88	56	S86 and (disk with drive)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/14 09:28
S89	38	S86 and (disk with drive) and (glue adher$3 adhesive bond$3 adhesion)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/14 09:28
S90	38	S86 and (disk with drive) and (glue adher$3 adhesive bond$3 adhesion)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 09:29
S91	35	S86 and (disk with drive) and (glue adher$3 adhesive bond$3 adhesion) and (mold$3 inject$3 injection overmold$3 embed$3 embedd$3 encapsulat$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 10:40
S92	3	S86 and (disk with drive) and (glue adher$3 adhesive bond$3 adhesion) and (mold$3 inject$3 injection overmold$3 embed$3 embedd$3 encapsulat$3) and (actuator) and (coil bobbin)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 09:33
S93	1458	("360"/).clas. and (disk with drive) and (glue adher$3 adhesive bond$3 adhesion) and (mold$3 inject$3 injection overmold$3 embed$3 embedd$3 encapsulat$3) and (actuator) and (coil bobbin)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:02
S94	494	("360"/).clas. and (disk with drive) and (glue adher$3 adhesive bond$3 adhesion) same (mold$3 inject$3 injection overmold$3 embed$3 embedd$3 encapsulat$3) and (actuator) and (coil bobbin)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 09:34
S95	679	("360"/).clas. and (glue adher$3 adhesive) same (mold$3 inject$3 injection overmold$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 09:35
S96	32	("360"/).clas. and (glue adher$3 adhesive) same (overmold$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 09:54
S97	1	(US-6404596-$).did.	USPAT	OR	ON	2008/01/14 09:43
S98	1	S97 and (adhesive)	USPAT	OR	ON	2008/01/14 09:43

EAST Search History

| S99 | 364 | ("1688891" \| "20020054458" \| "20020057536" \| "20020064000" \| "20020100607" \| "20030030941" \| "20030043508" \| "20030076633" \| "20040095682" \| "3438407" \| "3546504" \| "3609722" \| "3864747" \| "3988622" \| "3995319" \| "4035677" \| "4068142" \| "4144466" \| "4150407" \| "4175275" \| "4189759" \| "4233477" \| "4268233" \| "4289989" \| "4340830" \| "4365656" \| "4466584" \| "4468578" \| "4473855" \| "4549157" \| "4575023" \| "4602175" \| "4604665" \| "4618806" \| "4647803" \| "4656545" \| "4660115" \| "4660116" \| "4672250" \| "4691091" \| "4700246" \| "4701654" \| "4728831" \| "4730299" \| "4760299" \| "4760478" \| "4767954" \| "4802048" \| "4805054" \| "4816710" \| "4821130" \| "4823034" \| "4842217" \| "4855853" \| "4883981" \| "4922406" \| "4933581" \| "4949194" \| "4965476" \| "4985792" \| "4996613" \| "5014145" \| "5023741" \| "5031061" \| "5045738" \| "5051855" \| "5055969" \| "5061868" \| "5070289" \| "5079466" \| "5091809" \| "5095396" \| "5097366" \| "5103359" \| "5122703" \| "5126612" \| "5136437" \| "5142173" \| "5148071" \| "5149048" \| "5155401" \| "5161074" \| "5161077" \| "5165090" \| "5168184" \| "5168185" \| "5173814" \| "5177650" \| "5182230" \| "5184265" \| "5187625" \| "5200866" \| "5223681" \| "5227686" \| "5227936" \| "5235227" \| "5241229" \| "5245234" \| "5251085" \| "5267737" \| "5268805" \| "5283704" \| "5291360" \| "5305169" \| "5319270" \| "5319512" \| "5323076" \| "5331244" \| "5345130" \| "5352947" \| "5367418" \| "5376850" \| "5382851" \| "5404636" \| "5422764" \| "5432663" \| "5440185" \| "5454724" \| "5457588" \| "5463242" \| "5465186" \| "5473688").PN. OR ("5475549" \| "5488294" \| "5491605" \| "5495375" \| "5495377" \| "5497282" \| "5510664" \| "5519270" \| "5528091" \| "5532889" \| "5532891" \| "5543676" \| "5579188" \| "5581422" \| "5585679" \| "5590003" \| "5600516" \| "5606477" \| "5621590" \| "5621591" \| "5631788" \| "5638237" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/14 09:52 |

EAST Search History

| S10 0 | 297 | ("20020054458" \| "20020057536" \| "20020064000" \| "20030030941" \| "20030076633" \| "20030179503" \| "20040075949" \| "3701379" \| "3916511" \| "4126933" \| "4144466" \| "4150407" \| "4196456" \| "4233477" \| "4297308" \| "4352897" \| "4439792" \| "4504879" \| "4544972" \| "4544973" \| "4549157" \| "4553058" \| "4553183" \| "4571649" \| "4590026" \| "4602175" \| "4614627" \| "4639624" \| "4663677" \| "4663682" \| "4683506" \| "4710276" \| "4722012" \| "4739427" \| "4740851" \| "4760478" \| "4775908" \| "4787000" \| "4811143" \| "4849840" \| "4855853" \| "4860135" \| "4875117" \| "4879617" \| "4901173" \| "4906518" \| "4949194" \| "4951023" \| "4965685" \| "4985652" \| "4994931" \| "5021905" \| "5027241" \| "5029029" \| "5031062" \| "5034837" \| "5036416" \| "5041924" \| "5051855" \| "5063465" \| "5091710" \| "5097978" \| "5105321" \| "5107366" \| "5113297" \| "5122703" \| "5130871" \| "5136446" \| "5146450" \| "5148071" \| "5148399" \| "5149048" \| "5165090" \| "5165464" \| "5168184" \| "5168185" \| "5179482" \| "5179483" \| "5184265" \| "5187625" \| "5189576" \| "5189577" \| "5204567" \| "5214552" \| "5235482" \| "5262912" \| "5268805" \| "5276572" \| "5291359" \| "5291360" \| "5301078" \| "5303761" \| "5305169" \| "5315467" \| "5319511" \| "5326611" \| "5357163" \| "5367416" \| "5382851" \| "5407367" \| "5408372" \| "5430589" \| "5430590" \| "5432663" \| "5452151" \| "5473489" \| "5475549" \| "5477518" \| "5488521" \| "5497282" \| "5504637" \| "5508864" \| "5517375" \| "5523912" \| "5528091" \| "5530607" \| "5555146" \| "5600516" \| "5602700" \| "5606477" \| "5621590" \| "5623759").PN. OR ("5627701" \| "5650896" \| "5656877" \| "5666242" \| "5668683" \| "5675452" \| "5675456" \| "5677815" \| "5691581" \| "5715117" \| "5717544" \| "5717549" \| "5729405" \| "5731934" \| "5734527" \| "5734528" \| "5748410" \| "5761184" \| "5764441" \| "5768057" \| "5771135" \| "5790348" \| "5793572" \| "5796553" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/14 09:54 |

EAST Search History

S10 1	549	S99 S100	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 09:54
S10 2	16	S101 and (glue adher$3 adhesive) same (overmold$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 10:04
S10 3	32	S86 and (glue adher$3 adhesive) same (overmold$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 10:10
S10 4	13	("264"/).clas. and (glue adher$3 adhesive) with (inject$3 aperture opening receptacle) same (overmold$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 10:33
S10 5	12	("264"/).clas. and (glue adher$3 adhesive) with (attach$3) same (overmold$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 10:50
S10 6	12	S105 not S104	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 10:13
S10 7	4	("156"/).clas. and (glue adher$3 adhesive) with (inject$3 aperture opening receptacle) same (overmold$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 10:54
S10 8	262360	(("156"/).clas. ("264"/).clas.) (overmold$3) with (path pathway channel aperture opening)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 10:38
S10 9	91	(("156"/).clas. ("264"/).clas.) and (overmold$3) with (path pathway channel aperture opening)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 10:38
S11 0	14	(("156"/).clas. ("264"/).clas.) and (overmold$3) with (path pathway channel aperture opening) same (adhesive glue bond$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 10:39
S11 1	4	(overmold$3) with (path pathway channel aperture opening) same (adhesive glue bond$3)	EPO; JPO; DERWENT	OR	ON	2008/01/14 10:40
S11 2	271	(disk with drive) and (glue adher$3 adhesive bond$3 adhesion) and (mold$3 inject$3 injection overmold$3 embed$3 embedd$3 encapsulat$3)	EPO; JPO; DERWENT	OR	ON	2008/01/14 10:41
S11 3	189	(disk with drive) and (glue adher$3 adhesive bond$3 adhesion) same (mold$3 inject$3 injection overmold$3 embed$3 embedd$3 encapsulat$3)	EPO; JPO; DERWENT	OR	ON	2008/01/14 10:41

EAST Search History

S114	189	(disk with drive) and (glue adher$3 adhesive bond$3 adhesion) same (mold$3 inject$3 injection overmold$3 embed$3 embedd$3 encapsulat$3)	EPO; JPO; DERWENT	OR	ON	2008/01/14 10:42
S115	117	(disk with drive) and (glue adher$3 adhesive) same (mold$3 inject$3 injection overmold$3 embed$3 embedd$3 encapsulat$3)	EPO; JPO; DERWENT	OR	ON	2008/01/14 10:43
S116	15	(disk with drive) and (glue adher$3 adhesive) same (mold$3 inject$3 injection overmold$3 embed$3 embedd$3 encapsulat$3) and (actuator coil bobbin)	EPO; JPO; DERWENT	OR	ON	2008/01/14 10:43
S117	0	actuator and (glue adher$3 adhesive) with (attach$3) same (overmold$3)	EPO; JPO; DERWENT	OR	ON	2008/01/14 10:50
S118	8	(glue adher$3 adhesive) with (inject$3 aperture opening receptacle) same (overmold$3)	EPO; JPO; DERWENT	OR	ON	2008/01/14 10:53
S119	37	(glue adher$3 adhesive) with (inject$3 aperture opening receptacle) same (encapsulant)	EPO; JPO; DERWENT	OR	ON	2008/01/14 10:54
S120	14	("156"/).clas. and (glue adher$3 adhesive) with (inject$3 aperture opening receptacle) same (encapsulant)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:00
S121	6	("264"/).clas. and (glue adher$3 adhesive) with (inject$3 aperture opening receptacle) same (encapsulant)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:00
S122	1459	("360"/).clas. and (disk with drive) and (glue adher$3 adhesive bond$3 adhesion) and (mold$3 inject$3 injection overmold$3 embed$3 embedd$3 encapsulat$3 encapsulant) and (actuator) and (coil bobbin)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:03
S123	10	("360"/).clas. and (disk with drive) and (glue adher$3 adhesive bond$3 adhesion) and (mold$3 inject$3 injection overmold$3 embed$3 embedd$3 encapsulat$3 encapsulant) and (actuator) and (coil bobbin) and (("264"/).clas. ("156"/).clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:08

S12 4	246	("360"/).clas. and (disk with drive) and (glue adher$3 adhesive bond$3 adhesion) and (mold$3 inject$3 injection overmold$3 embed$3 embedd$3 encapsulat$3 encapsulant) and (actuator) and (coil bobbin) and (glue bond$3 adhesive) with (inject$3 aperture opening hole receptacle channel path)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:10
S12 5	196	("360"/).clas. and (disk with drive) and (glue adher$3 adhesive bond$3 adhesion) and (mold$3 inject$3 injection overmold$3 embed$3 embedd$3 encapsulat$3 encapsulant) and (actuator) with (coil bobbin) and (glue bond$3 adhesive) with (inject$3 aperture opening hole receptacle channel path)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:12
S12 6	5	("360"/).clas. and (disk with drive) and (glue adher$3 adhesive bond$3 adhesion) and (mold$3 inject$3 injection overmold$3 embed$3 embedd$3 encapsulat$3 encapsulant) and (actuator) with (coil bobbin) same (glue bond$3 adhesive) with (inject$3 aperture opening hole receptacle channel path)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:17
S12 7	64	("2014524" | "3735169" | "4544972" | "4621231" | "4651254" | "4658162" | "4763035" | "4775908" | "4962329" | "5462763" | "5491598" | "5644183" | "5671197" | "5761000" | "5768062" | "5781373" | "5872855" | "6236289" | "6317281").PN. OR ("2003/0179503" | "4879617" | "6768229").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:17
S12 8	3	S127 and (actuator) with (coil bobbin) same (glue bond$3 adhesive) with (inject$3 aperture opening hole receptacle channel path)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:30
S12 9	16	("4126933" | "4739427" | "4879617" | "5031062" | "5041924" | "5107366" | "5148399" | "5179482").PN. OR ("5623759"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:23

S13 0	78	("20030081355" | "3793128" | "4544972" | "4700250" | "4775908" | "4879617" | "5091710" | "5122703" | "5168185" | "5179482" | "5305169" | "5528091" | "5558789" | "5590002" | "5623759" | "5650896" | "5656877" | "5691581" | "5734528" | "5759418" | "5808835" | "5808836" | "5812345" | "5847903" | "5896646" | "5910338" | "5930071" | "6014286" | "6061206" | "6169224" | "6226157" | "6307717" | "6480364" | "6512658" | "6683756").PN. OR ("4879617" | "6229675" | "6307717" | "6683756" | "7150094").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:30
S13 1	28	S130 and (actuator) with (coil bobbin) same (glue bond$3 adhesive)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:30
S13 2	11	S130 and (actuator) with (coil bobbin) same (glue bond$3 adhesive) same (mold$3 overmold$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:30
S13 3	11	S130 and (actuator) with (coil bobbin) same (glue bond$3 adhesive) same (mold$3 overmold$3 encapsulat$3 encapsulant)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:31
S13 4	923	(actuator) with (coil bobbin) and (stiffen$3 stiffening)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:32
S13 5	416	(actuator) with (coil bobbin) and (stiffen$3 stiffening) and (adhesive)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:32
S13 6	426	(actuator) with (coil bobbin) and (stiffen$3 stiffening) and (adhesive glue)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:32
S13 7	221	(actuator) with (coil bobbin) and (stiffen$3 stiffening) and (adhesive glue) and (mold$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:32
S13 8	234	(actuator) with (coil bobbin) and (stiffen$3 stiffening) and (adhesive glue) and (mold$3 overmold$3 encapsulant)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:32
S13 9	119	(actuator) with (coil bobbin) and (stiffen$3 stiffening) and (adhesive glue) and (mold$3 overmold$3 encapsulant) and (disk with drive)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:33

S14 0	64	(actuator) with (coil bobbin) and (stiffen$3 stiffening) and (adhesive glue) same (channels openings gaps receptacle) and (mold$3 overmold$3 encapsulant) and (disk with drive)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:34
S14 1	72	(actuator) with (coil bobbin) and (stiffen$3 stiffening) and (adhesive glue) same (channels openings gaps receptacle aperture) and (mold$3 overmold$3 encapsulant) and (disk with drive)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:12
S14 2	1391	("360"/).clas. and (nguyen wellington young korzuch bost).xp.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:58
S14 3	622	("360"/).clas. and (nguyen).xp.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:57
S14 4	169	("360"/).clas. and (wellington).xp.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:57
S14 5	350	("360"/).clas. and (young).xp.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:58
S14 6	250	("360"/).clas. and (korzuch bost). xp.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:58
S14 7	249	("360"/).clas. and (korzuch).xp.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 11:58
S14 8	1	("360"/).clas. and (bost).xp.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:12
S14 9	201568	(S104/).clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:13
S15 0	2	S149 and (actuator) with (coil bobbin) and (stiffen$3 stiffening) and (adhesive glue) same (channels openings gaps receptacle aperture) and (mold$3 overmold$3 encapsulant) and (disk with drive)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:15
S15 1	199355	(S104/).clas. not ("360"/).clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:13
S15 2	199355	(S104/).clas. not ("360"/).clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:13

S15 3	194250	(S104/).clas. not ("264"/).clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:13
S15 4	935	S149 and (actuator) with (coil bobbin)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:15
S15 5	1	S149 and (actuator) with (coil bobbin) and (adhesive glue) same (overmold$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:15
S15 6	22	S149 and (actuator) with (coil bobbin) and (adhesive glue) same (mold$3 encapsulant encapsulat$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:24
S15 7	14	S149 and (actuator) with (coil bobbin) and (aperture opening receptacle) same (overmold$3 encapsulant encapsulat$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:30
S15 8	9	S157 not S156	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:25
S15 9	5	(actuator) with (coil bobbin) and (aperture opening receptacle) same (overmold$3 encapsulant encapsulat$3)	EPO; JPO; DERWENT	OR	ON	2008/01/14 13:56
S16 0	3	(actuator) with (coil bobbin) and (264/255).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:57
S16 1	10	(overmold$3) same (adhesive) and (264/255).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:27
S16 2	0	2001-076447	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:27
S16 3	1	2001-076447	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/14 14:28
S16 4	1	2001-076447	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/14 14:28
S16 5	0	2001-76447	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/14 14:28

S16 6	0	11-192653	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/14 14:28
S16 7	0	11-210839	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/14 14:28
S16 8	0	11-0210839	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/14 14:28
S16 9	0	11-0192653	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/14 14:28
S17 0	64	(360/265.8).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 19:36
S17 1	1	(US-20020167763-$).did.	US-PGPUB	OR	ON	2008/01/14 18:25
S17 2	1	S171 and (adhesive)	US-PGPUB	OR	ON	2008/01/14 18:25
S17 3	1	(US-5528091-$).did.	USPAT	OR	ON	2008/01/14 18:42
S17 4	0	S173 and (adhesive)	USPAT	OR	ON	2008/01/14 18:43
S17 5	0	S173 and (overmold$3)	USPAT	OR	ON	2008/01/14 18:43
S17 6	1	S173 and (mold$3)	USPAT	OR	ON	2008/01/14 18:43

| S17 7 | 442 | ("2137392" \| "2511897" \| "3047869" \| "3525966" \| "3634878" \| "4062049" \| "4075273" \| "4102973" \| "4136365" \| "4150407" \| "4164675" \| "4193185" \| "4194225" \| "4196456" \| "4233477" \| "4264675" \| "4282554" \| "4314295" \| "4331991" \| "4339777" \| "4352897" \| "4371960" \| "4393425" \| "4439699" \| "4439792" \| "4476404" \| "4490635" \| "4491888" \| "4524397" \| "4544972" \| "4544973" \| "4549157" \| "4553058" \| "4553183" \| "4587714" \| "4612592" \| "4639624" \| "4639863" \| "4656545" \| "4658313" \| "4677509" \| "4702555" \| "4710834" \| "4713703" \| "4725904" \| "4728916" \| "4763095" \| "4772974" \| "4774610" \| "4775908" \| "4780776" \| "4782404" \| "4805055" \| "4807054" \| "4814908" \| "4835643" \| "4849840" \| "4853575" \| "4855853" \| "4860135" \| "4868432" \| "4875117" \| "4879617" \| "4881139" \| "4916342" \| "4923406" \| "4931728" \| "4933785" \| "4941062" \| "4949194" \| "4949206" \| "4951023" \| "4965684" \| "4967291" \| "4967296" \| "4984115" \| "4985652" \| "4988903" \| "4991045" \| "4994931" \| "5008573" \| "5016131" \| "5018035" \| "5025335" \| "5025336" \| "5027242" \| "5031059" \| "5034837" \| "5041924" \| "5041932" \| "5041934" \| "5043964" \| "5051855" \| "5060100" \| "5063465" \| "5064377" \| "5070423" \| "5073242" \| "5097588" \| "5097978" \| "5100311" \| "5103359" \| "5105321" \| "5109310" \| "5111351" \| "5113297" \| "5122701" \| "5122703" \| "5130871" \| "5130895" \| "5132857" \| "5136439" \| "5140481" \| "5146450" \| "5148071" \| "5161077" \| "5163218" \| "5165090" \| "5168184" \| "5168185" \| "5172282" \| "5179482" \| "5184265" \| "5185683" \| "5187626").PN. OR ("5189576" \| "5189577" \| "5195002" \| "5202804" \| "5214552" \| "5218496" \| "5235482" \| "5247410" \| "5251085" \| "5260847" \| "5262907" \| "5262912" \| "5267110" \| "5268805" \| "5285948" \| "5289445" \| "5293290" \| "5299082" \| "5301078" \| "5305169" \| "5315466" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/14 19:20 |

| S17 8 | 229 | ("20010048574" \| "20020021532" \| "20020054458" \| "20030076633" \| "20030179503" \| "20040075949" \| "20040095682" \| "3544980" \| "3681782" \| "3793128" \| "3812535" \| "3930114" \| "4058844" \| "4144466" \| "4490635" \| "4544973" \| "4602175" \| "4639798" \| "4700250" \| "4728831" \| "4760478" \| "4774610" \| "4775908" \| "4780776" \| "4879617" \| "4884154" \| "4967291" \| "4988903" \| "4996616" \| "5003420" \| "5031059" \| "5050026" \| "5122703" \| "5130874" \| "5136439" \| "5148071" \| "5149048" \| "5168184" \| "5168185" \| "5184265" \| "5187625" \| "5214549" \| "5214552" \| "5232970" \| "5247410" \| "5262907" \| "5262911" \| "5267110" \| "5268414" \| "5371134" \| "5382851" \| "5404258" \| "5407367" \| "5408372" \| "5432663" \| "5448437" \| "5452151" \| "5477518" \| "5517372" \| "5523911" \| "5528091" \| "5539596" \| "5557152" \| "5557839" \| "5558789" \| "5570249" \| "5585981" \| "5594603" \| "5600516" \| "5606477" \| "5621590" \| "5621591" \| "5623759" \| "5627701" \| "5631789" \| "5650896" \| "5654849" \| "5654851" \| "5656877" \| "5660917" \| "5666052" \| "5666242" \| "5672927" \| "5673013" \| "5675456" \| "5677815" \| "5681883" \| "5691581" \| "5694268" \| "5696649" \| "5698911" \| "5717549" \| "5734528" \| "5759418" \| "5761184" \| "5764440" \| "5764441" \| "5766507" \| "5768050" \| "5768061" \| "5777826" \| "5781412" \| "5786961" \| "5790348" \| "5805387" \| "5808835" \| "5808836" \| "5815348" \| "5825585" \| "5844752" \| "5844754" \| "5854725" \| "5862019" \| "5870258" \| "5894382" \| "5894524" \| "5896646" \| "5898544" \| "5910338" \| "5914836" \| "5914837" \| "5930071").PN. OR ("5936805" \| "5936808" \| "5946164" \| "5970602" \| "5978178" \| "5985684" \| "5986852" \| "5991124" \| "5999369" \| "5999372" \| "5999373" \| "5999374" \| "6014286" \| "6034843" \| "6043957" \| "6048919" \| "6057989" \| "6061206" \| "6078477" \| "6087620" \| "6088192" \| "6091578" \| "6104581" \| "6108174" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/14 19:21 |

EAST Search History

S17 9	575	S177 S178	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 19:22
S18 0	0	S179 and (overmold$3) with (aperture opening hole) same (adhesive)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 19:22
S18 1	16	S179 and (overmold$3) same (adhesive)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 19:22
S18 2	15	S170 and aperture	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 19:42
S18 3	2	S170 and receptacle	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 19:44
S18 4	10027	(overmold$3 encapsulat$3 encapsulant) with (adhesive)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 19:44
S18 5	85	(overmold$3 encapsulat$3 encapsulant) with (adhesive) with (aperture)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 19:56
S18 6	7410	(264/255,259,260,261,294).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 19:56
S18 7	1726	S186 and (adhesive)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 19:57
S18 8	66	S186 and (adhesive) same (overmold$3 encapsulant$3 encapsulat$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 19:57
S18 9	2074	(29/603.23,603.25.606,602.1).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 11:32
S19 0	69	S189 and (actuator) same (coil bobbin)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 11:32
S19 1	39	S189 and (actuator) same (coil bobbin) and (mold$3 adhesive resin overmold$3 encapsulat$3 encapsulant)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 11:32
S19 2	39	S189 and (actuator) same (coil bobbin) and (mold$3 adhesive resin overmold$3 encapsulat$3 encapsulant glue)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 11:46
S19 3	6	("4809749" | "5687698").PN. OR ("6501359").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 11:46

EAST Search History

S19 4	105	"I6" and (actuator) same (coil bobbin) and (mold$3 adhesive resin overmold$3 encapsulat$3 encapsulant glue)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 11:47
S19 5	1	S193 and (actuator) same (coil bobbin) and (mold$3 adhesive resin overmold$3 encapsulat$3 encapsulant glue)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 11:47